# Optical disc, optical disc recording method and apparatus, and optical disc reproducing method and apparatus

Also published as: Publication number: CN1263672 **Publication date:** 2000-08-16 EP0949825 (A1) WO9953694 (A1) Inventor: TOMOYUKI OKADA (JP); KAORU MURASE (JP); US6122436 (A1) KAZUHIRO TSUGA (JP) CA2268409 (A1) Applicant: MATSUSHITA ELECTRIC IND CO LTD (JP) EP0949825 (B1) Classification: - international: G11B27/036; G11B27/10; G11B27/32; G11B27/34; more >> H04N7/52; H04N9/806; G11B27/034; G11B27/30; H04N5/85; H04N9/804; H04N9/82; G11B27/031; G11B27/10; G11B27/32; G11B27/34; H04N7/52; H04N9/804; G11B27/30; H04N5/84; H04N9/82; (IPC1-7): H04N9/806 G11B27/036; G11B27/10A1; G11B27/32D2; G11B27/34; - European: H04N7/52A; H04N9/806S Application number: CN19998000476 19990406 Priority number(s): JP19980095661 19980408 Report a data error here Abstract not available for CN1263672 Abstract of corresponding document: EP0949825 An optical disc that is reproducible by a Fig.11(c) reproducing apparatus has a still picture data and SCR! PTS1/DTS1 an audio data which are reproduced simultaneously. The still picture data is stored in a video part stream (ST1) comprising a plurality of units, and the audio data is stored in a second system stream (ST2) comprising one or a plurality of units. The units store time stamp information so that the second system stream (ST2) follows immediately after the video part stream (ST1). By changing the data in the second system stream (ST2), the audio data presented with a still picture can be freely and easily changed even after recording the still picture data using an MPEG standard format. Data supplied from the esp@cenet database - Worldwide

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#### [54] 发明名称

光盘、光盘记录方法和装置,以及光盘再现方 法和装置

### [57] 摘要

可由再现装置再现的光盘具有静止画面数据以及同时地再现的音频数据。 静止画面数据被存储在包括多个单元的视频部分数据流(ST1)中,音频数据被存储在包括一个或者多个单元的第二系统流(ST2)中。 这些单元储存时间标记信息以使在视频部分数据流(ST1)之后第二系统流(ST2)立即跟随。通过改变在第二系统流(ST2)中的数据,即使在使用 MPEC 标准格式记录静止画面数据之后,与静止画面一起给出的音频数据可以自由地和轻易地改变。

